

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

04838-053001

Application No.

09/632,303

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

Lawrence W. Yonge III et al.

Filing Date

August 4, 2000

Group Art Unit

2665

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Dr2	AA	6778507	08/17/04	Jalali			
Dr2	AB	6216244	04/10/01	Myers et al.			
Dr2	AC	6188717	02/13/01	Kaiser et al.			
Dr2	AD	4943959	07/24/90	Arnold			
Dr2	AE	4677612	06/30/87	Olson et al.			
Dr2	AF	4581734	04/08/86	Olson et al.			
	AG						
	AH						
	AI						
	AJ						
	AK						

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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
Dr2	AL	3413144	10/17/85	Germany				
	AM							
	AN							
	AO							
	AP							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

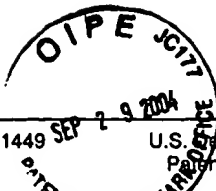
*Patricia Lynn*

Date Considered

3/14/05

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Substitute Disclosure Form (PTO-1449)



Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. <b>04838-053001</b>	Application No. <b>09/632,303</b>
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DJR	AA	6747976	06/08/04	Bensaou et al.			
DJR	AB	6671284	12/30/03	Yonge III et al.			
DJR	AC	6667991	12/23/03	Tzannes			
DJR	AD	6654410	11/25/03	Tzannes			
DJR	AE	6567914	05/20/03	Just et al.			
DJR	AF	6553534	04/22/03	Yonge III et al.			
DJR	AG	6538985	03/25/03	Petry et al.			
DJR	AH	6526451	02/25/03	Kasper			
DJR	AI	6519263	02/11/03	Huth			
DJR	AJ	6501760	12/31/02	Ohba et al.			
DJR	AK	6487212	11/26/02	Erimli et al.			
DJR	AL	6480489	11/12/02	Muller et al.			
DJR	AM	6473435	10/29/02	Zhou et al.			
DJR	AN	6466580	10/15/02	Leung			
DJR	AO	6456649	09/24/02	Isaksson et al.			
DJR	AP	6434153	08/13/02	Yazaki et al.			
DJR	AQ	6430661	08/06/02	Larson et al.			
DJR	AR	6385672	05/07/02	Wang et al.			
DJR	AS	6370156	04/09/02	Spruyt et al.			
DJR	AT	6363052	03/26/02	Hosein			
DJR	AU	6343083	01/29/02	Mendelson et al.			
DJR	AV	6334185	12/25/01	Hansson et al.			
DJR	AW	6295296	09/25/01	Tappan			
DJR	AX	6289000	09/11/01	Yonge, III			
DJR	AY	6278716	08/21/01	Rubenstein et al.			
DJR	AZ	6259696	07/10/01	Yazaki et al.			
DJR	AAA	6252849	06/26/01	Rom et al.			

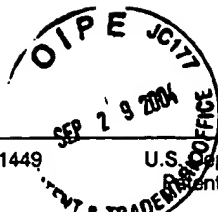
Examiner Signature <i>Daniel Pina</i>	Date Considered <i>3/16/05</i>
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DJR	ABB	6243449	06/05/01	Margulis et al.			
DJR	ACC	6243386	06/05/01	Chan et al.			
DJR	ADD	6215792	04/10/01	Abi-Nassif			
DJR	AEE	6202082	03/13/01	Tomizawa et al.			
DJR	AFF	6192397	02/20/01	Thompson			
DJR	AGG	6182147	01/30/01	Farinacci			
DJR	AHH	6151296	11/21/00	Vijayan et al.			
DJR	AII	6130894	10/10/00	Ojard et al.			
DJR	AJJ	6130887	10/10/00	Dutta			
DJR	AKK	6108713	08/22/00	Sambamurthy et al.			
DJR	ALL	6092214	07/18/00	Quoc et al.			
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DJR	ANN	6052377	04/18/00	Ohmi et al.			
DJR	AOO	6044482	03/28/00	Wong			
DJR	APP	6041358	03/21/00	Huang et al.			
DJR	AQQ	6044154	03/28/00	Kelly			
DJR	ARR	6041063	03/21/00	Povlsen et al.			
DJR	ASS	6006017	12/21/99	Joshi et al.			
DJR	ATT	6005894	12/21/99	Kumar			
DJR	AUU	5966412	10/12/99	Ramaswamy			
DJR	AVV	5956338	09/21/99	Ghaibeh			
DJR	AWW	5948060	09/07/99	Gregg et al.			
DJR	AXX	5940438	08/17/99	Poon et al.			
DJR	AYY	5940399	08/17/99	Weizman			
DJR	AZZ	5914959	06/22/99	Marchetto et al.			
DJR	AAAA	5914932	06/22/99	Suzuki et al.			
DJR	ABBB	5903614	05/11/99	Suzuki et al.			

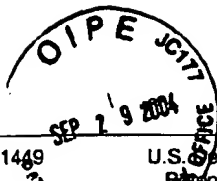
Examiner Signature <i>Donal Rym</i>	Date Considered <i>3/14/05</i>
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DJR	ACCC	5896561	04/20/99	Schrader et al.			
DJR	ADDD	5886993	03/23/99	Ruszczuk et al.			
DJR	AEEE	5884040	03/16/99	Chung			
DJR	AFFF	5841873	11/24/98	Lockhart et al.			
DJR	AGGG	5841778	11/24/98	Shaffer et al.			
DJR	AHHH	5828677	10/27/98	Sayeed et al.			
DJR	AIII	5825807	10/20/98	Kumar			
DJR	AJJJ	5818826	10/06/98	Gfeller et al.			
DJR	AKKK	5818821	10/06/98	Schurig			
DJR	ALLL	5812599	09/22/98	Van Kerckhove			
DJR	AMMM	5799033	08/25/98	Baggen			
DJR	ANNN	5793307	08/11/98	Perrault et al.			
DJR	AOOO	5787071	07/28/98	Basso et al.			
DJR	APPP	5771235	06/23/98	Tang et al.			
DJR	AQQQ	5764931	06/09/98	Schmahl et al.			
DJR	ARRR	5757770	05/26/98	Lagoutte et al.			
DJR	ASSS	5757766	05/26/98	Sugita			
DJR	ATTT	5745769	04/28/98	Choi			
DJR	AUUU	5737330	04/07/98	Fulthorp et al.			
DJR	AVVV	5732113	03/24/98	Schmidl et al.			
DJR	AWWW	5717689	02/10/98	Ayanoglu			
DJR	AXXX	5706348	01/06/98	Gray et al.			
DJR	AYYY	5694389	12/02/97	Seki et al.			
DJR	AZZZ	5651009	07/22/97	Perreault et al.			
DJR	AAAAA	5644576	07/01/97	Bauchot et al.			
DJR	ABBBB	5636230	06/03/97	Marturano et al.			
DJR	ACCCC	5629948	05/13/97	Hagiwara et al.			

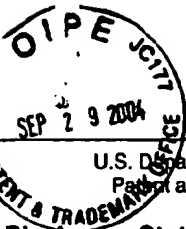
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DJR	ADDDDD	5623512	04/22/97	Sasaki			
DJR	AEEEE	5619651	04/08/97	Young			
DJR	AFFFF	5615212	03/25/97	Ruszczuk et al.			
DJR	AGGGG	5612975	03/18/97	Becker et al.			
DJR	AHHHH	5610908	03/11/97	Shelswell et al.			
DJR	AIIII	5568476	10/22/96	Sherer et al.			
DJR	AJJJJ	5563897	10/08/96	Pyndiah et al.			
DJR	AKKKK	5563883	10/08/96	Cheng			
DJR	ALLLL	5555268	09/10/96	Fattouche et al.			
DJR	AMMMM	5548649	08/20/96	Jacobson			
DJR	ANNNN	5541922	07/30/96	Pyhalamm			
DJR	AOOOO	5537414	07/16/96	Takiyasu et al.			
DJR	APPPP	5524027	06/04/96	Huisk			
DJR	AQQQQ	5515379	05/07/96	Crisler et al.			
DJR	ARRRR	5504747	04/02/96	Sweazey			
DJR	ASSSS	5488632	01/30/96	Mason et al.			
DJR	ATTTT	5483529	01/09/96	Baggen et al.			
DJR	AUUUU	5452322	09/19/95	Lauer			
DJR	AVVVV	5452288	09/19/95	Rahuel et al.			
DJR	AWWWV	5448565	09/05/95	Chang et al.			
DJR	AXXXX	5436905	07/25/95	Li et al.			
DJR	AYYYY	5426646	06/20/95	Slack			
DJR	AZZZZ	5416801	05/16/95	Chouly et al.			
DJR	AAAAA	5384777	01/24/95	Ahmadi et al.			
DJR	ABBBB	5343473	08/30/94	Cidon et al.			
DJR	ACCCC	5339313	08/16/94	Ben-Michael et al.			
DJR	ADDDDD	5307376	04/26/94	Castelain et al.			

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(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DSR	AEEEEEE	5280480	01/18/19	Pitt et al.			
DSR	AFFFFF	5274629	12/28/93	Helard et al.			
DSR	AGGGGC	5231634	07/27/93	Giles et al.			
DSR	AHHHHH	5228025	07/13/93	Le Floch et al.			
DSR	AIIIII	5214646	05/25/93	Yacoby			
DSR	AJJJJJ	5197061	03/23/93	Halbert-Lassalle et al.			
DSR	AKKKKK	5157659	10/20/92	Schenkel			
DSR	ALLLLL	5140584	08/18/92	Suzuki			
DSR	AMMMMM	5121396	06/09/92	Irvin et al.			
DSR	ANNNNN	5105423	04/14/92	Tanaka et al.			
DSR	AOOOOC	5081678	01/14/92	Kaufman et al.			
DSR	APPPPP	5046069	09/03/91	Calvignac et al.			
DSR	AQQQQQ	5003539	03/26/91	Takemoto et al.			
DSR	ARRRRR	5001472	03/19/91	Fischer et al.			
DSR	ASSSSS	4881241	11/14/89	Pommier et al.			
DSR	ATTTTT	4819229	04/04/89	Pritty et al.			
DSR	AUUUUU	4792947	12/20/88	Takiyasu et al.			
DSR	AVVVVV	4726018	02/16/88	Bux et al.			
DSR	AWWWWW	4720850	01/19/88	Oberlander et al.			
DSR	AXXXXX	4630261	12/16/86	Irvin			
DSR	AYYYYY	4569044	02/04/86	Tao et al.			
DSR	AZZZZZ	3806885	04/23/74	Moore			
DSR	AAAAAA	2004/0001499	01/01/04	Patella et al.			
DSR	ABBBBB	2003/0006883	01/09/03	Kim et al.			
DSR	ACCCCC	2003/0174664	09/18/03	Benveniste			
DSR	ADDDDD	2003/0079169	04/24/03	Ho et al.			
DSR	AEEEEEE	2002/0191533	12/19/02	Chini et al.			

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
032	AFFFFF	2002/0065047	05/30/02	Moose			
032	AGGGGG	2002/0048368	04/25/02	Gardner			
032	AHHHHH	2002/0042836	04/11/02	Mallory			
032	AIIIII	2001/0043576	11/22/01	Terry			
032	AJJJJJ	Re. 35,001	07/25/95	Grow			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
032	AKKKKK	02/41598	05/23/02	PCT				
032	ALLLLL	98/57440	12/17/98	PCT				

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
032	MMMMMM	Sun et al., Public-key ID-based Cryptosystem, 1991, IEEE, pages 142-144
032	ANNNNN	Bruschi, Danilo, Secure Multicast in Wireless Networks of Mobile Hosts: Protocols and Issues, 2002, Mobile Networks and Applications, pages 503-511
032	AOOOOO	IBM, Combined use of collision resolution and collision avoidance MAC protocols, 10/1/1994, IBM Technical Disclosure Bulletin, Vol. 37, Pages 299-302 (NN9410299)
032	APPPPP	ISO/IEC 8802-3: 2002 International Standard (ANSI/IEEE Std 802.3) Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications
032	AQQQQQ	Bux, "Token-Ring Local-Area Networks and Their Performance," Procs. Of the IEEE, Vol. 77, No. 2, February 1989
032	ARRRRR	Applied Cryptography, Second Edition: protocols, algorithms, and source code in C, Bruce Schneier, 1996
032	ASSSSS	PKCS #5 v. 20: Password-Based Cryptography Standard, RSA Laboratories, March 25, 1999
032	ATTTTT	HomePlug Powerline Alliance, HomePlug 1.0.1 Specification, December 1, 2001
032	AUUUUU	Lee et al., "HomePlug 1.0 powerline communication LANs - protocol description and performance results", Int. J. Commun. Syst., Vol. 16 (2003)
032	AVVVVV	Bertsekas et al., Data Networks, Prentice Hall, Englewood Cliffs, NJ, Section 2.4.3 Selective Repeat ARQ (1992)
032	WWWWWW	HiPerformance Radio Local Area Network (HiperLAN) Type I: Functional Specification, European Standard (Telecommunication Series) No. 300652 V. 1.2.1 1998-07
032	AXXXXX	An Architecture for Differentiated Services, IETF RFC 2475, December 1998

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Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DRZ	AYYYYY	Goalic et al., "Real-Time Turbo-Decoding of Product Codes on a Digital Signal Processor," IEEE, pp. 624-628 (1997)
DRZ	AZZZZZ	Benedetto et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pp. 1-20 (11/96)
DRZ	AAAAAA	Peterson et al., "Error-Correcting Codes," The MIT Press (1972)
DRZ	BBBBBB	Pyndiah, "Near-Optimum Decoding of Product Codes: Block Turbo Codes," IEEE Transactions on Communications, Vol. 46, No. 8, pp. 1003-1010 (08/98)
DRZ	CCCCCC	Pyndiah, "Near Optimum Decoding of Product Codes," IEEE, pp. 339-343 (1994)
DRZ	DDDDDD	Pyndiah, "Performance of Block Turbo Coded 16-QAM and 64-QAM Modulations," IEEE, pp. 1039-1043 (1995)
DRZ	EEEEEE	Ehram et al., "A cryptographic key management scheme for implementing the Data Encryption Standard," IBM Syst J, Vol. 17, No. 2 (1978)

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